

In the Claims:

1. (currently amended) A sole structure for a ~~cleated shoe~~ sole adapted to be worn on a foot of a person, said sole structure comprising:

an outsole formed of a thin plate of a hard material, ~~said outsole being in the shape of a thin plate material;~~ and

a plurality of cleats provided on a bottom lower surface of said outsole;

wherein said outsole has a first bulge and a second bulge that each respectively include a convex bulge protrusion protruding downwardly on said lower surface of said outsole and a concave bulge depression on an upper surface of said outsole in correspondence with said convex bulge protrusion on said lower surface, ~~toward the ground surface,~~ said first bulge is located at a first position adapted to correspond that corresponds to a thenar eminence of ~~[[a]] the foot of the person, a shoe-wearer,~~ said second bulge is located at a second position adapted to correspond that corresponds to a hypothenar eminence, eminence of the foot of the person, said concave bulge depressions of said first and second bulge each having bulges have a sectional shape adapted to conform that conforms to a shape of a forefoot portion of [[a]] the foot that has been flexed, and at least some of said cleats are provided on [[a]] convexly curved surface surfaces of said convex bulge protrusions of said first and second bulges.

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1 2. (currently amended) The sole structure for a cleated shoe
2 according to claim 1, wherein said outsole further includes, ~~wherein~~
3 a third bulge protruding ~~downwardly toward the ground~~
4 ~~surface, downwardly~~, said third bulge is located at a third
5 position adapted to correspond ~~that corresponds~~ to a first
6 distal phalanx of [[a]] the foot of the person, a shoe
7 ~~wearer~~, and at least some of said cleats are provided on a
8 convexly curved surface of said third bulge.

1 3. (currently amended) The sole structure for a cleated shoe
2 according to claim 2, wherein said outsole further includes
3 a fourth bulge protruding ~~downwardly toward the ground~~
4 ~~surface, downwardly~~, said fourth bulge is located at a
5 region adapted to correspond ~~that corresponds~~ to each
6 phalangeal joint between each distal phalanx and each
7 middle phalanx of a second toe to a fifth toe of [[a]] the
8 foot of a shoe wearer, the person, and at least some of
9 said cleats are provided on a convexly curved surface of
10 said fourth bulge.

1 4. (currently amended) The sole structure for a cleated shoe
2 according to claim 1, wherein said outsole has a flat,
3 W-shaped undulating cross section at said first and second
4 bulges.

Claims 5 and 6 (canceled).

- 1 7. (currently amended) The sole structure for a cleated shoe
2 according to claim 4, wherein one of said cleats is located
3 at a [[top]] centered position of ~~a corresponding bulge~~
4 one of said bulges.
- 1 8. (currently amended) The sole structure for a cleated shoe
2 according to claim 3, wherein one of said cleats is located
3 at a [[top]] centered position of ~~a corresponding bulge~~.
4 one of said bulges.
- 1 9. (currently amended) The sole structure for a cleated shoe
2 according to claim 2, wherein one of said cleats is located
3 at a [[top]] centered position of ~~a corresponding bulge~~.
4 one of said bulges.
- 1 10. (currently amended) The sole structure for a cleated shoe
2 according to claim 1, wherein one of said cleats is located
3 at a [[top]] centered position of ~~a corresponding bulge~~.
4 one of said bulges.
- 1 11. (previously presented) The sole structure for a cleated
2 shoe according to claim 10, wherein said sole structure
3 further includes a midsole formed of a soft elastic
4 material, said midsole disposed at least at a forefoot
5 portion of the upper surface of said outsole.

1 12. (previously presented) The sole structure for a cleated
2 shoe according to claim 4, wherein said sole structure
3 further includes a midsole formed of a soft elastic
4 material, said midsole disposed at least at a forefoot
5 portion of the upper surface of said outsole.

1 13. (previously presented) The sole structure for a cleated
2 shoe according to claim 3, wherein said sole structure
3 further includes a midsole formed of a soft elastic
4 material, said midsole disposed at least at a forefoot
5 portion of the upper surface of said outsole.

1 14. (previously presented) The sole structure for a cleated
2 shoe according to claim 2, wherein said sole structure
3 further includes a midsole formed of a soft elastic
4 material, said midsole disposed at least at a forefoot
5 portion of the upper surface of said outsole.

1 15. (previously presented) The sole structure for a cleated
2 shoe according to claim 1, wherein said sole structure
3 further includes a midsole formed of a soft elastic
4 material, said midsole disposed at least at a forefoot
5 portion of the upper surface of said outsole.

1 16. (new) The sole structure for a cleated shoe according to
2 claim 15, wherein said midsole in an uncompressed condition
3 has a flat upper surface and an undulating curved lower

4 surface fitting said concave bulge depressions on said
5 upper surface of said outsole.

1 17. (new) The sole structure for a cleated shoe according to
2 claim 1, wherein said bulges give said lower surface a
3 smoothly curved undulating sectional shape.

1 18. (new) The sole structure for a cleated shoe according to
2 claim 1, wherein said thin plate forming said outsole has
3 a continuous uniform thickness in an area of said bulges.

[RESPONSE CONTINUES ON NEXT PAGE]